



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON, D.C. 20554

News Media Information: (202) 418-0500  
Fax-On-Demand: (202) 418-2830  
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<ftp.fcc.gov>

DA 99-742  
April 16, 1999

## AUCTION OF 161 LOCAL MULTIPOINT DISTRIBUTION SERVICE (LMDS) LICENSES

### 90 Qualified Bidders Notice of License Inventory Change

Report No. AUC-23-D (Auction No. 23)

This *Public Notice* identifies the 90 applicants that have been found qualified to bid for 161 LMDS licenses in Auction No. 23, which is scheduled to begin on Tuesday, April 27, 1999. This *Public Notice* also contains bidding instructions and other important information regarding the auction.

Prior Public Notices stated that 168 licenses would be available for bidding in Auction No. 23.<sup>1</sup> However, several of those licenses were identified as being subject to ongoing proceedings.<sup>2</sup> The Wireless Telecommunications Bureau recently released decisions concerning these two matters, and consequently seven licenses originally designated for auction will not be available. Attachment H of this Public Notice lists the revised inventory of licenses available in Auction No. 23 and replaces earlier lists of licenses for this auction that were attached to the *LMDS Public Notice* and the *LMDS Auction Public Notice*.<sup>3</sup>

<sup>1</sup> See "Local Multipoint Distribution Service Spectrum Re-Auction of 168 Licenses Scheduled for April 27, 1999; Application Deadline Set for March 29, 1999; Comment Sought on Reserve Prices or Minimum Opening Bids and Other Auction Procedures," *Public Notice*, DA 98-2266 (rel. November 6, 1998), 63 Fed. Reg. 64502 (November 20, 1998) ("LMDS Public Notice"); "Auction of Local Multipoint Distribution Service Spectrum; Auction Notice and Filing Requirements for 168 Local Multipoint Distribution Service Licenses Scheduled for April 27, 1999; Minimum Opening Bids and Other Procedural Issues," *Public Notice*, DA 99-266 (rel. January 29, 1999), 64 Fed. Reg. 8361 (February 19, 1999) ("LMDS Auction Public Notice").

<sup>2</sup> See *LMDS Auction Public Notice* at 5.

<sup>3</sup> The seven licenses that have been removed from the auction are B038B (Bend, Oregon), B144B (Flagstaff, Arizona), B185B (Hastings, Nebraska), B254B (Lihue, Hawaii), B270A (McCook, Nebraska), B270B

**Attachment A** lists each of the 90 qualified bidders, their upfront payments, and maximum eligibility in bidding units.

**Attachment B** lists the licenses that were listed on each qualified bidder's FCC Form 175.

**Attachment C** lists those applicants that submitted FCC Form 175 applications, but did not qualify to bid in this auction.

**Attachment D** lists the FCC Remote Bidding System Hardware and Software Requirements (Attachment D of the *Status of Applications Public Notice*<sup>4</sup>).

**Attachment E** contains software downloading/installing instructions for participation in the mock auction.

**Attachment F** contains round results file formats for use during the auction.

**Attachment G** contains instructions for accessing the FCC Network using Windows 95/98.

**Attachment H** contains the revised list of licenses available in Auction No. 23.

In order to participate effectively in the auction, qualified bidders should re-familiarize themselves with the auction rules and other information contained in *Public Notices* released for this auction.<sup>5</sup> The following information provides additional guidance.

**Registration.** Qualified bidders have been automatically registered for the auction. For security reasons, the Commission will confirm registration by two separate mailings of registration materials, both sent to the contact person at the address identified in the bidder's FCC Form 175. The two mailings will include the Bidder Identification Number, Login ID, Login Password and the FCC Account Number. The second mailing will also include the remote bidding system

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(McCook, Nebraska), and B371B (Redding, California). See Letter Order re: New Wave Networks, L.L.C., from Amy J. Zoslov, Chief, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, to John A. Prendergast, Esq., Blooston, Mordkofsky, Jackson & Dickens, DA 99-690 (April 9, 1999); FCC Announces Conditional Grant of Three Local Multipoint Distribution Service Licenses, *Public Notice*, DA 99-270 (rel. April 15, 1999); Pinpoint Communications, Inc., For Local Multipoint Distribution Service Licenses to Serve BTA185, Hastings, Nebraska and BTA 270, McCook, Nebraska, *Order*, DA 99-718 (rel. April 15, 1999).

<sup>4</sup> See "Auction of 168 Local Multipoint Distribution Service Licenses; Status of Applications to Participate in the Auction," *Public Notice*, DA 99-639 (rel. April 5, 1999) ("*Status of Applications Public Notice*"), Attachment E.

<sup>5</sup> See *LMDS Public Notice*; *LMDS Auction Public Notice*; and *Status of Applications Public Notice*. All of these documents are available on the FCC Web Site at <http://www.fcc.gov/wtb/auctions>.

software, if ordered. Upon receipt of both mailings, each bidder should be in possession of the following information:

- FCC Account Number (as assigned by FCC)
- Bidder Identification Number (supplied by FCC mailing)
- Login ID (supplied by FCC mailing)
- Login Password (supplied by FCC mailing)
- Remote bidding system software, if ordered (supplied by FCC mailing)
- FCC Bidder Line Telephone Number (supplied by FCC mailing)

**Applicants are solely responsible for ensuring the security of their computer systems, the security of their bidding codes, and that only authorized bidders place bids on their behalf. The FCC assumes no responsibility or liability for these matters.**

**WARNING: Any unauthorized person or entity accessing or tampering with an FCC or other government computer will be prosecuted to the full extent of the law.**

Any applicant listed as a qualified bidder in Attachment A to this *Public Notice* that has not received both registration mailings **by noon on Wednesday, April 21, 1999**, should contact the Auctions Hotline at (717) 338-2888. It is each applicant's responsibility to ensure that all registration information has been received on time. Note: The bidding software is not needed to participate in the mock auction.

Lost Login IDs, Login Passwords and Bidder Identification Numbers can be replaced only at the FCC Auction Headquarters, located at 2 Massachusetts Avenue, N.E., Washington, D.C. If replacement is necessary, either an authorized representative or the certifying official (as designated on the applicant's FCC Form 175) must appear in person with two forms of identification, one of which must be a photo identification.

***Electronic Bidding Software.*** In order to bid electronically, each qualified bidder must purchase the Commission's electronic bidding software. The software has been updated for the LMDS auction. **Accordingly, software from prior auctions will not work for Auction No. 23.** Bidders are advised to review the software manual included in the registration materials and participate in the mock auction to become familiar with this software. For software backup, bidders are advised to duplicate the software for use by authorized representatives at different locations. However, the FCC Remote Bidding System will not accept electronic bids from qualified bidders that are not registered purchasers of the bidding software.

***Bidding Contingency Plan.*** Bidders should develop comprehensive contingency plans they can implement quickly in case they experience difficulty participating in the auction. While the FCC will correct any problems within Commission-controlled facilities, bidders are solely responsible for anticipating and overcoming problems such as bidder technical failures, local telephone service interruptions, adverse local weather conditions, unavailability of authorized bidders, or loss or breach of confidential security codes.

The FCC Remote Bidding System requires access to a 900 service telephone line. Bidders should verify in advance that the telephone systems they will be using to submit electronic bids permit access to 900 service telephone numbers, and should consult their telephone administrators if they need assistance.

All filers will be supplied with a telephone number for telephonic bidding in their registration packet. Electronic bidders may use this telephone number as an alternate method of bidding in the event they are not able to submit their bids electronically.

**Bidding Schedule.** The bidding schedule for Tuesday, April 27, 1999, and continuing until further notice, will be:

Bidding Period	9:00 a.m.	-	10:00 a.m. ET
Round Results	10:00 a.m.	-	10:30 a.m. ET
Bidding Period	2:00 p.m.	-	3:00 p.m. ET
Round Results	3:00 p.m.	-	3:30 p.m. ET

The FCC will set the pace of the auction based upon its monitoring of the bidding and its assessment of the auction's progress. Generally, at the end of each week of the auction, the FCC will announce the bidding schedule for the following week.

**Minimum Opening Bids.** There will be a minimum opening bid for each license in the LMDS auction, calculated in accordance with the formulas we have previously announced.<sup>6</sup> The minimum opening bid amount is subject to reduction at the discretion of the Commission. Bidders should be aware, however, that the FCC will not entertain requests to lower minimum opening bids. The agency will exercise its discretion, if at all, independent of any communications from bidders.

**Messages and Announcements.** The FCC will post pertinent auction information as messages and announcements on the FCC Remote Bidding System, on its Internet site and on its Bulletin Board System (BBS). Bidders should routinely check for messages and announcements each time they enter the Remote Bidding System, and should read this information carefully.

**Bidder Questions during the Auction.** FCC auction officials and technical support staff will be available during the course of the auction to answer questions from bidders. Bidders should identify themselves as a bidder with time sensitive auction questions when calling any number. Help can be obtained through the following telephone numbers:

FCC Bidder Line  
(telephonic bidding, auction conduct

Use telephonic bid number  
supplied in registration mailing

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<sup>6</sup> See LMDS Auction Public Notice at Attachment A.

questions)

FCC Technical Support Hotline (202) 414-1250  
(all technical questions, software and hardware)

FCC Auctions and Industry (202) 418-0660  
Analysis Division (legal questions)

**Monitoring Round Results.** Attachment F to this *Public Notice* provides instructions for reviewing and downloading round results, and other material related to the LMDS auction released by the Commission during the course of the auction.

**Auction Tracking Tool.** The FCC has developed a tool for tracking the results of its auctions. Bidders wishing to familiarize themselves with the tool will be able to download the tool with a sample database when it becomes available. This tool will be utilized in Auction No. 23 and will be able to be used with both the mock auction and actual auction. The FCC Auction Tracking Tool will be available with the release of the Mock Auction software on the Internet at [http://www.fcc.gov/wtb/auctions/auc23\\_1.html](http://www.fcc.gov/wtb/auctions/auc23_1.html); a specific link will provide access to the tracking tool. The FCC Auction Tracking Tool will also be available via the FCC Auctions Bulletin Board System.

The FCC Auction Tracking Tool is provided to bidders free of charge as an additional means of analyzing the auction round results. Bidders should develop back-up strategies for viewing round results that can be implemented quickly in case they experience technical difficulties with the tracking tool.

The FCC Auction Tracking Tool is a stand-alone application which runs on Windows 95/98 and NT operating systems and does not require any other software, although some advanced features do require Microsoft Excel 97. The tool will allow users to import round result files and analyze bidding results after each round of the auction. For installation and use instructions see the README file and on-line help system that accompany the FCC Auction Tracking Tool.

**User Requirements.** This software is designed to be used by a wide range of users. For most effective use of the tool, users should be familiar with:

- \* Microsoft Windows 95/98/NT
- \* Microsoft Excel 97
- \* The FCC simultaneous multiple round auction format

**Software and Hardware Requirements.** At a minimum, you will need the following:

- \* Microsoft Windows 95, 98 or NT.
- \* Up to 40-50 MB of available hard disk space. For the application itself, only 2-3 MB will be necessary, but the auction database can grow quite

- large.
- \* 16 MB RAM and Pentium™ based processor are required with 32 MB RAM and a Pentium™ 166 or higher are strongly recommended.
  - \* Some advanced features of the tool will require Microsoft Excel 97, but the majority of the tool's features can be used without Excel.

**Amendments to FCC Form 175s.** Applicants are responsible for maintaining the accuracy and completeness of information furnished in their FCC Form 175 and exhibits. See 47 C.F.R. § 1.65. It is the staff's position that applicants should amend their applications within ten business days from the occurrence of a reportable change. Filers should make modifications to their FCC Form 175s electronically, and submit a letter briefly summarizing the changes to:

Amy Zoslov  
Chief, Auctions & Industry Analysis Division  
Wireless Telecommunications Bureau  
Federal Communications Commission  
Room 4-A760  
445 12th St., SW  
Washington, DC 20554

with a courtesy copy to Arthur Lechtman at the same address. As described in the Commission's Rules, applicants may make only minor corrections to their FCC Form 175 applications; major modifications (*e.g.*, changing the markets applied for, changing control of the applicant or changing the certifying official) will not be accepted. See 47 C.F.R. § 1.2105(b).

**Due Diligence.** Bidders are reminded that they should continue to conduct due diligence examinations regarding incumbents and other legal developments with respect to the licenses for which they bid during the course of the auction.<sup>7</sup>

**Mock Auction.** The FCC will conduct a mock auction on Thursday, April 22, 1999, to allow qualified bidders to familiarize themselves with the electronic bidding software. The mock auction will be open only to qualified bidders. Telephonic bidding will also be available during the mock auction. Qualified bidders wishing to place telephonic bids should use the telephone number supplied in the registration materials for the auction. Pre-registration is not required to participate in the mock auction.

This mock auction will include all LMDS licenses, and will follow the rules governing the LMDS auction. The mock auction will be identified as Auction No. 74. The software will assume that each bidder applied for all licenses and submitted upfront payments of \$250,000.00 corresponding to 250,000 bidding units. The auction will simulate the start of Stage One, so bidders will be required to be active on at least 80 percent of their bidding units, or risk having a waiver automatically applied unless bidding eligibility is reduced.

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<sup>7</sup> See *LMDS Auction Public Notice*, pages 5-6.

The mock auction bidding schedule for Thursday, April 22, 1999 will be:

Round 1

Bidding Period 9:00 a.m. - 10:00 a.m. ET  
Round Results 10:00 a.m. - 10:30 a.m. ET

Round 2

Bidding Period 10:30 a.m. - 11:30 a.m. ET  
Round Results 11:30 a.m. - 12:00 p.m. ET

Break 12:00 p.m. - 1:00 p.m. ET

Round 3

Bidding Period 1:00 p.m. - 1:30 p.m. ET  
Round Results 1:30 p.m. - 2:00 p.m. ET

Round 4

Bidding Period 2:00 p.m. - 2:30 p.m. ET  
Round Results 2:30 p.m. - 3:00 p.m. ET

Round 5

Bidding Period 3:00 p.m. - 3:30 p.m. ET  
Round Results 3:30 p.m. - 4:00 p.m. ET

Round 6

Bidding Period 4:00 p.m. - 4:30 p.m. ET  
Round Results 4:30 p.m. - 5:00 p.m. ET

Eligible LMDS bidders who wish to participate in the mock auction using electronic bidding must establish a PPP connection to the FCC Auction Network through either an 800 or a 900 number, as selected through the mock auction software. (The FCC strongly encourages participants to test their ability to connect using the 900 number, in order to identify any potential problems such as a 900-number telephone block. There will be no access charge for the first minute of the 900-number connection time.)

When participants establish the PPP connection and start the Mock Bidding System, they will register for the mock auction by entering their FCC Account Number. The Login names, Login passwords, and Bidder Identification Numbers (BINs) will be pre-filled. Note: Pre-filled codes are for the mock auction only. For the actual LMDS auction, valid Login codes and BINs will be mailed to qualified bidders with their registration materials.

Remote bidding software for the mock auction must be downloaded and will be available via the FCC's Internet and Bulletin Board System beginning Wednesday, April 21, 1999 at 1:00 p.m. E.T. See Attachment E for downloading/installing instructions. This software is specifically designed

for this simulation, and is not adaptable to any other FCC spectrum auction. As part of the software, the Commission has established a suggestion box and welcomes your comments regarding the software.

#### **OTHER IMPORTANT INFORMATION**

**Office Closing:** The FCC's Headquarters office located in Washington, DC will be closed on Friday, April 23, 1999. Technical Support (202) 414-1250 and the Auctions Hotline (717) 338-2888 will be open for questions. However, legal assistance will not be available.

**Long-Form Applications:** Applicants that claim status as a small or very small business should be aware that at the long-form application stage, they will be subject to the more extensive reporting requirements contained in the Commission's Part 1 ownership disclosure rule. *See* 47 C.F.R. § 1.2112(b). Also, applicants with foreign ownership interests will be required to comply with 47 U.S.C. § 310(b) at the long-form application stage.

For additional information regarding this *Public Notice*, please contact Lisa Stover or Kathy Garland, Auctions Operations Branch, Auctions & Industry Analysis Division, at (717) 338-2888 or Arthur Lechtman, Legal Branch, Auctions & Industry Analysis Division, at (202) 418-0660. Questions about software or hardware should be directed to Technical Support at (202) 414-1250.

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# FCC Local Multipoint Dist Services Auction

ATTACHMENT A

Auction ID: 23

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :



FCC Account #	Name	Upfront Payment	Maximum Eligibility (Bid - Units)
0231506321	ABC-LMDS, L.L.C.	\$1,843,228.00	1,843,228
0231455473	ABS LMDS Venture	\$180,000.00	180,000
0231831149	Ace Link Telecommunication, Inc.	\$44,850.00	44,850
0231933155	Actel Corporation	\$200,000.00	200,000
0231045326	Adams Telcom, Inc.	\$10,633.00	10,633
0231323041	AirCom Communication Consultants, Inc.	\$41,339.00	41,339
0231555571	Airlinx, G.P.	\$56,578.00	56,578
0231450267	Alma Telephone Company	\$19,162.00	19,162
0230021076	American Pacific Inc.	\$85,000.00	85,000
0231217058	Bluegrass Telecom, L.L.C.	\$16,000.00	16,000
0232336008	C&W Systems, Ltd.	\$74,778.00	74,778
0231227413	CCPR LMDS, Inc.	\$250,000.00	250,000
0231212153	CRH Consortium	\$150,000.00	150,000
0231215227	CTC Telcom, Inc.	\$28,581.00	28,581
0231404218	Cellular Mobile Systems of St. Cloud General Partn	\$7,355.00	7,355
0231448134	Central Indiana Communications, Inc.	\$43,187.00	43,187
0231647598	Chariton Valley Communication Corporation, Inc.	\$30,551.00	30,551
0231704522	Cloudnine Communications, Inc.	\$300,000.00	300,000
0231555303	Codecom, Inc.	\$211,311.00	211,311
0231756384	ComScape Communications, Inc.	\$250,000.00	250,000
0230931433	Command Connect, LLC	\$650,000.00	650,000
0230753252	Commonwealth Development Ltd.	\$100,000.00	100,000
0231156134	Corcom, LLC (f/k/a North Alabama Cellular, LLC)	\$31,000.00	31,000
0231636174	DGL Telcom, Inc.	\$300,000.00	300,000
0231115419	Dubois Telephone Exchange, Inc.	\$5,000.00	5,000
0231205073	Duckhorn Broadcasting, Inc.	\$25,000.00	25,000
0231633464	EER Systems Incorporated	\$60,000.00	60,000

# FCC Local Multipoint Dist Services Auction

ATTACHMENT A

Auction ID: 23

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :



FCC Account #	Name	Upfront Payment	Maximum Eligibility (Bid - Units)
0231422317	ENMR Telephone Cooperative, Inc.	\$25,000.00	25,000
0231350115	Eastern Illini Electric Cooperative	\$27,817.00	27,817
0231139384	FWC-LMDS, LLC	\$7,131.00	7,131
0231146021	Farmers Telephone Cooperative, Inc.	\$14,353.00	14,353
0231429059	Fleming-Mason Service Corporation	\$150,000.00	150,000
0231825595	Formus Communications-FCC, LLC	\$220,000.00	220,000
0231506121	Gateway Telecom, L.L.C.	\$100,000.00	100,000
0231247488	Gila Electronics of Yuma, Inc.	\$6,414.00	6,414
0231046499	Graceba Total Communications, Inc.	\$12,614.00	12,614
0231244125	Grand Connectivity L.L.C.	\$150,000.00	150,000
0231403047	Grande River LMDS Venture	\$13,352.00	13,352
0231414267	HighSpeed.Com, L.L.C.	\$125,000.00	125,000
0231206296	Highland Cellular, Inc.	\$200,000.00	200,000
0231522228	Hyperion Communications Long Haul, L.P.	\$600,000.00	600,000
0231419405	Illinois LMDS Consortium	\$165,000.00	165,000
0230836332	KINI L.C.	\$10,557.00	10,557
0232012473	Kingdon R. Hughes	\$50,000.00	50,000
0231205081	LMDS Communications Inc.	\$125,000.00	125,000
0231447396	LMDS Ventures	\$200,000.00	200,000
0231806197	LORALEN CORP LLC	\$150,000.00	150,000
0231808306	Lightspeed Communications, LP	\$1,500,000.00	1,500,000
0231703467	Madison County Telephone Company	\$30,284.00	30,284
0231535044	Mark Twain Communications Company, Inc.	\$60,000.00	60,000
0231127435	Mary J Kuiken	\$92,000.00	92,000
0231540182	McLeodUSA, Incorporated	\$646,883.00	646,883
0231103494	Message Express Company	\$17,399.00	17,399
0230830457	Midwest Wireless Communications, L.L.C.	\$122,238.00	122,238

# FCC Local Multipoint Dist Services Auction

Auction ID: 23

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

ATTACHMENT A



FCC Account #	Name	Upfront Payment	Maximum Eligibility (Bid - Units)
0231403565	Miles Communications, Inc.	\$67,104.00	67,104
0231553224	Moline Dispatch Publishing Company, L.L.C.	\$56,000.00	56,000
0230847369	NORTHEAST COMMUNICATIONS OF WISCONSIN, INC.	\$200,000.00	200,000
0232017532	NettWork Consulting, LLC	\$130,000.00	130,000
0231644293	Network Wireless	\$25,000.00	25,000
0230941038	New England Digital Distribution, Inc.	\$44,459.00	44,459
0231650248	New Wave Networks, L.L.C.	\$30,000.00	30,000
0231514435	Northern Communications, Inc.	\$35,000.00	35,000
0231546288	PIONEER CONSOLIDATED, INC.	\$19,000.00	19,000
0231302116	Pikeville College	\$25,000.00	25,000
0231755003	PinPoint Communications, Inc.	\$5,482.00	5,482
0231104194	Pioneer Telephone Association, Inc.	\$1,952.00	1,952
0230916436	Progressive Communications, Inc.	\$15,462.00	15,462
0231835435	Rainier Cable, Inc.	\$42,000.00	42,000
0231535279	S&S Communications	\$70,000.00	70,000
0231140196	South Central Wireless, Inc.	\$10,557.00	10,557
0231749433	SouthernSkies Communications Group, Inc.	\$25,249.00	25,249
0231221358	Sunshine LMDS Network, Inc.	\$150,000.00	150,000
0231320186	Swayzee Telephone Company	\$22,038.00	22,038
0231638241	TLA Spectrum, LLC	\$162,595.00	162,595
0231906179	TeleCourier Communications Corp.	\$7,000.00	7,000
0230819365	Telepak, Inc.	\$50,000.00	50,000
0231247509	The Ponderosa Telephone Co.	\$24,446.00	24,446
0231642435	Totalcom of Oklahoma, Inc.	\$55,552.00	55,552
0231048049	Touch America, Inc.	\$166,000.00	166,000
0231854404	Townes Telecommunications, Inc.	\$29,352.00	29,352
0231531225	VERSO LMDS, LLC	\$600,000.00	600,000

# FCC Local Multipoint Dist Services Auction

ATTACHMENT A

Auction ID: 23

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :



<b>FCC Account #</b>	<b>Name</b>	<b>Upfront Payment</b>	<b>Maximum Eligibility (Bid - Units)</b>
0231501364	Valley Telephone Cooperative, Inc.	\$32,000.00	32,000
0231417121	Virginia Tech Foundation, Inc.	\$60,000.00	60,000
0231246148	Voom Communications, L.L.C.	\$16,648.00	16,648
0232042279	WIRELESS DISTRIBUTION SERVICES INC.	\$30,000.00	30,000
0231211592	West Carolina Rural Telephone Cooperative, Inc.	\$22,415.00	22,415
0231149033	Westelcom Network, Inc.	\$7,388.00	7,388
0231621354	Western PCS LMDS Corporation	\$700,000.00	700,000
0232242098	William Chimiak	\$46,409.00	46,409
0231525126	Wytec, Incorporated	\$382,900.00	382,900

**FCC Local Multipoint Dist Services Auction**

ATTACHMENT B

**Auction ID: 23**

**Qualified Bidders - Public Notice**



(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231506321	ABC-LMDS, L.L.C.	
<b>The following License(s):</b>		
ALL		
0231455473	ABS LMDS Venture	
<b>The following License(s):</b>		
ALL		
0231831149	Ace Link Telecommunication, Inc.	
<b>The following License(s):</b>		
BTA123-A BTA234-A BTA285-A BTA378-B BTA446-A BTA462-B		
0231933155	Actel Corporation	
<b>The following License(s):</b>		
ALL		
0231045326	Adams Telcom, Inc.	
<b>The following License(s):</b>		
BTA367-A		
0231323041	AirCom Communication Consultants, Inc.	
<b>The following License(s):</b>		
ALL		
0231555571	Airlinx, G.P.	
<b>The following License(s):</b>		
BTA066-A BTA066-B BTA067-B BTA109-B BTA308-B BTA426-A BTA426-B		
0231450267	Alma Telephone Company	
<b>The following License(s):</b>		
BTA066-A BTA066-B BTA090-A BTA217-A BTA217-B BTA355-A BTA355-B BTA367-A BTA383-A BTA383-B BTA414-A BTA414-B BTA470-A BTA470-B		
0230021076	American Pacific Inc.	
<b>The following License(s):</b>		
ALL		
0231217058	Bluegrass Telecom, L.L.C.	
<b>The following License(s):</b>		
BTA006-A BTA048-A BTA052-A BTA082-A BTA092-A BTA120-A BTA160-A BTA211-A BTA271-A BTA295-A BTA339-A BTA384-A BTA454-A BTA474-A		
0232336008	C&W Systems, Ltd.	
<b>The following License(s):</b>		
BTA002-A BTA036-A BTA097-B BTA124-A BTA134-A BTA134-B BTA203-A BTA218-A BTA291-A BTA303-B BTA331-A BTA356-B BTA371-B		

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B



**Auction ID: 23**

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
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0231227413 CCPR LMDS, Inc.

**The following License(s):**

ALL

0231404218 Cellular Mobile Systems of St. Cloud General Partn

**The following License(s):**

BTA005-B BTA033-B BTA061-A BTA070-B BTA117-A BTA122-A BTA142-B BTA164-A BTA185-B BTA209-B BTA254-B  
BTA270-A BTA270-B BTA277-B BTA285-A BTA307-B BTA310-B BTA323-A BTA337-A BTA352-A BTA416-A BTA446-A  
BTA462-B

0231448134 Central Indiana Communications, Inc.

**The following License(s):**

ALL

0231647598 Chariton Valley Communication Corporation, Inc.

**The following License(s):**

ALL

0231704522 Cloudbine Communications, Inc.

**The following License(s):**

ALL

0231555303 Codecom, Inc.

**The following License(s):**

ALL

0230931433 Command Connect, LLC

**The following License(s):**

ALL

0230753252 Commonwealth Development Ltd.

**The following License(s):**

ALL

0231756384 ComScape Communications, Inc.

**The following License(s):**

ALL

0231156134 Corcom, LLC (f/k/a North Alabama Cellular, LLC)

**The following License(s):**

ALL B

BTA002-A BTA006-A BTA016-A BTA017-A BTA020-A BTA035-A BTA036-A BTA048-A BTA049-A BTA052-A BTA054-A  
BTA061-A BTA062-A BTA063-A BTA066-A BTA071-A BTA082-A BTA086-A BTA090-A BTA092-A BTA093-A BTA100-A  
BTA103-A BTA105-A BTA115-A BTA117-A BTA118-A BTA119-A BTA120-A BTA121-A BTA122-A BTA123-A BTA124-A  
BTA131-A BTA134-A BTA140-A BTA141-A BTA146-A BTA147-A BTA153-A BTA156-A BTA158-A BTA160-A BTA161-A  
BTA162-A BTA164-A BTA165-A BTA176-A BTA178-A BTA182-A BTA193-A BTA195-A BTA201-A BTA203-A BTA211-A

**FCC Local Multipoint Dist Services Auction**  
**Auction ID: 23**  
**Qualified Bidders - Public Notice**

ATTACHMENT B



(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231156134	Corrcom, LLC (f/k/a North Alabama Cellular, LLC)	
<b>The following License(s):</b>		
BTA213-A BTA214-A BTA215-A BTA216-A BTA217-A BTA218-A BTA219-A BTA225-A BTA227-A BTA233-A BTA234-A BTA235-A BTA243-A BTA249-A BTA270-A BTA271-A BTA285-A BTA287-A BTA291-A BTA294-A BTA295-A BTA309-A BTA316-A BTA317-A BTA319-A BTA323-A BTA326-A BTA328-A BTA330-A BTA331-A BTA335-A BTA337-A BTA339-A BTA344-A BTA348-A BTA351-A BTA352-A BTA355-A BTA367-A BTA373-A BTA375-A BTA377-A BTA380-A BTA382-A BTA383-A BTA384-A BTA387-A BTA388-A BTA390-A BTA396-A BTA414-A BTA416-A BTA426-A BTA430-A BTA442-A BTA446-A BTA449-A BTA453-A BTA454-A BTA456-A BTA463-A BTA470-A BTA474-A BTA478-A BTA486-A		
0231212153	CRH Consortium	
<b>The following License(s):</b>		
ALL		
0231215227	CTC Telcom, Inc.	
<b>The following License(s):</b>		
BTA123-A BTA234-A		
0231636174	DGL Telcom, Inc.	
<b>The following License(s):</b>		
ALL		
0231115419	Dubois Telephone Exchange, Inc.	
<b>The following License(s):</b>		
BTA002-A BTA036-A BTA038-B BTA203-A BTA287-A BTA317-A BTA328-A BTA356-B BTA372-B BTA375-A BTA388-A		
0231205073	Duckhorn Broadcasting, Inc.	
<b>The following License(s):</b>		
ALL		
0231350115	Eastern Illini Electric Cooperative	
<b>The following License(s):</b>		
BTA071-A BTA103-A BTA225-A		
0231633464	EER Systems Incorporated	
<b>The following License(s):</b>		
BTA002-A BTA020-A BTA054-A BTA062-A BTA066-A BTA071-A BTA090-A BTA100-A BTA103-A BTA117-A BTA131-A BTA147-A BTA161-A BTA165-A BTA176-A BTA178-A BTA203-A BTA213-A BTA214-A BTA217-A BTA218-A BTA225-A BTA243-A BTA287-A BTA316-A BTA317-A BTA326-A BTA328-A BTA330-A BTA331-A BTA335-A BTA355-A BTA367-A BTA377-A BTA380-A BTA382-A BTA383-A BTA384-A BTA416-A BTA426-A BTA470-A BTA478-A		
0231422317	ENMR Telephone Cooperative, Inc.	
<b>The following License(s):</b>		
BTA115-A BTA124-A BTA134-A BTA134-B BTA144-B BTA162-A BTA162-B BTA201-A BTA218-A BTA244-B BTA291-A BTA303-B BTA326-A BTA330-A BTA371-B BTA449-A BTA486-A		

**FCC Local Multipoint Dist Services Auction**  
**Auction ID: 23**  
**Qualified Bidders - Public Notice**

ATTACHMENT B



(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231146021	Farmers Telephone Cooperative, Inc.	
<b>The following License(s):</b>		
BTA147-A		
0231429059	Fleming-Mason Service Corporation	
<b>The following License(s):</b>		
ALL		
0231825595	Formus Communications-FCC, LLC	
<b>The following License(s):</b>		
BTA017-A BTA049-A BTA115-A BTA117-A BTA122-A BTA131-A BTA140-A BTA146-A BTA153-A BTA156-A BTA158-A BTA182-A BTA193-A BTA203-A BTA218-A BTA219-A BTA227-A BTA249-A BTA287-A BTA317-A BTA319-A BTA328-A BTA330-A BTA348-A BTA352-A BTA387-A BTA416-A BTA430-A BTA453-A BTA463-A BTA488-A BTA489-A		
0231139384	FWC-LMDS, LLC	
<b>The following License(s):</b>		
BTA285-A		
0231506121	Gateway Telecom, L.L.C.	
<b>The following License(s):</b>		
ALL		
0231247488	Gila Electronics of Yuma, Inc.	
<b>The following License(s):</b>		
BTA486-A		
0231046499	Graceba Total Communications, Inc.	
<b>The following License(s):</b>		
ALL		
0231244125	Grand Connectivity L.L.C.	
<b>The following License(s):</b>		
ALL		
0231403047	Grande River LMDS Venture	
<b>The following License(s):</b>		
BTA049-A BTA140-A BTA182-A BTA219-A BTA387-A		
0231206296	Highland Cellular, Inc.	
<b>The following License(s):</b>		
ALL		
0231414267	HighSpeed.Com, L.L.C.	
<b>The following License(s):</b>		
ALL		

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B

**Auction ID: 23**

## Qualified Bidders - Public Notice



(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

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FCC Account #	Name	Waiver Requested
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0231522228 Hyperion Communications Long Haul, L.P.

**The following License(s):**

ALL

0231419405 Illinois LMDS Consortium

**The following License(s):**

BTA046-B BTA061-A BTA067-B BTA070-B BTA071-A BTA086-A BTA086-B BTA103-A BTA105-A BTA109-B BTA118-A BTA161-A BTA213-A BTA225-A BTA243-A BTA308-B BTA337-A BTA344-A BTA344-B BTA380-A BTA426-A BTA426-B BTA462-B

0232012473 Kingdon R. Hughes

**The following License(s):**

ALL

0230836332 KINI L.C.

**The following License(s):**

BTA163-B BTA396-A

0231808306 Lightspeed Communications, LP

**The following License(s):**

ALL

0231205081 LMDS Communications Inc.

**The following License(s):**

ALL

0231447396 LMDS Ventures

**The following License(s):**

ALL

0231806197 LORALEN CORP LLC

**The following License(s):**

ALL

0231703467 Madison County Telephone Company

**The following License(s):**

BTA140-A BTA153-A

0231535044 Mark Twain Communications Company, Inc.

**The following License(s):**

BTA016-A BTA066-A BTA066-B BTA090-A BTA090-B BTA217-A BTA217-B BTA319-A BTA355-A BTA355-B BTA367-A BTA383-A BTA383-B BTA414-A BTA414-B BTA453-A BTA463-A BTA470-A BTA470-B

0231127435 Mary J Kuiken

**The following License(s):**

ALL

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B



**Auction ID: 23**

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231540182	McLeodUSA, Incorporated	
<b>The following License(s):</b>		
ALL		
0231103494	Message Express Company	
<b>The following License(s):</b>		
BTA033-B BTA223-B		
0230830457	Midwest Wireless Communications, L.L.C.	
<b>The following License(s):</b>		
BTA054-A BTA086-A BTA105-A BTA118-A BTA119-A BTA123-A BTA216-A BTA234-A BTA337-A		
0231403565	Miles Communications, Inc.	
<b>The following License(s):</b>		
BTA046-B BTA067-B BTA071-A BTA086-A BTA086-B BTA093-A BTA109-B BTA131-A BTA161-A BTA213-A BTA233-A BTA235-A BTA294-A BTA308-B BTA309-A BTA344-A BTA344-B BTA373-A BTA426-A BTA426-B BTA430-A BTA442-A BTA478-A		
0231553224	Moline Dispatch Publishing Company, L.L.C.	
<b>The following License(s):</b>		
BTA103-A BTA105-A BTA118-A BTA195-A BTA225-A BTA243-A BTA363-B BTA378-B BTA380-A		
0232017532	NettWork Consulting, LLC	
<b>The following License(s):</b>		
BTA002-A BTA005-B BTA011-B BTA033-B BTA036-A BTA038-B BTA039-B BTA046-B BTA061-A BTA067-B BTA070-B BTA071-A BTA086-A BTA086-B BTA093-A BTA097-B BTA103-A BTA105-A BTA109-B BTA118-A BTA119-A BTA121-A BTA124-A BTA134-A BTA134-B BTA144-B BTA145-B BTA161-A BTA162-A BTA162-B BTA169-B BTA185-B BTA209-B BTA213-A BTA223-B BTA225-A BTA233-A BTA235-A BTA241-B BTA243-A BTA244-B BTA270-A BTA270-B BTA285-A BTA291-A BTA294-A BTA303-B BTA307-B BTA308-B BTA309-A BTA310-B BTA323-A BTA331-A BTA337-A BTA344-A BTA344-B BTA356-B BTA371-B BTA372-B BTA373-A BTA375-A BTA380-A BTA390-A BTA392-B BTA426-A BTA426-B BTA442-A BTA446-A BTA456-A BTA462-B BTA486-A		
0231644293	Network Wireless	
<b>The following License(s):</b>		
ALL		
0230941038	New England Digital Distribution, Inc.	
<b>The following License(s):</b>		
BTA063-A BTA201-A BTA227-A BTA249-A BTA319-A BTA351-A BTA388-A		
0231650248	New Wave Networks, L.L.C.	
<b>The following License(s):</b>		
ALL		

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B

**Auction ID: 23**

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :



FCC Account #	Name	Waiver Requested
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0230847369      NORTHEAST COMMUNICATIONS OF WISCONSIN, INC.

**The following License(s):**

ALL

0231514435      Northern Communications, Inc.

**The following License(s):**

BTA020-A BTA054-A BTA063-A BTA119-A BTA123-A BTA145-B BTA169-B BTA216-A BTA223-B BTA234-A BTA241-B  
BTA331-A BTA390-A BTA488-A BTA489-A

0231302116      Pikeville College

**The following License(s):**

BTA052-A BTA295-A BTA474-A

0231755003      PinPoint Communications, Inc.

**The following License(s):**

BTA185-B BTA270-A BTA270-B

0231546288      PIONEER CONSOLIDATED, INC.

**The following License(s):**

ALL

0231104194      Pioneer Telephone Association, Inc.

**The following License(s):**

ALL

0230916436      Progressive Communications, Inc.

**The following License(s):**

ALL

0231835435      Rainier Cable, Inc.

**The following License(s):**

ALL

0231535279      S&S Communications

**The following License(s):**

ALL

0231140196      South Central Wireless, Inc.

**The following License(s):**

BTA011-B BTA017-A BTA035-A BTA039-B BTA146-A BTA163-B BTA178-A BTA215-A BTA249-A BTA335-A BTA351-A  
BTA392-B BTA396-A

0231749433      SouthernSkies Communications Group, Inc.

**The following License(s):**

BTA124-A BTA446-A BTA486-A

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B



**Auction ID: 23**

## Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231221358	Sunshine LMDS Network, Inc.	
<b>The following License(s):</b>		
ALL		
0231320186	Swayzee Telephone Company	
<b>The following License(s):</b>		
BTA093-A BTA233-A BTA294-A BTA309-A BTA373-A BTA442-A		
0231906179	TeleCourier Communications Corp.	
<b>The following License(s):</b>		
ALL		
0230819365	Telepak, Inc.	
<b>The following License(s):</b>		
ALL		
0231247509	The Ponderosa Telephone Co.	
<b>The following License(s):</b>		
BTA134-B BTA303-B BTA371-B		
0231638241	TLA Spectrum, LLC	
<b>The following License(s):</b>		
ALL		
0231642435	Totalcom of Oklahoma, Inc.	
<b>The following License(s):</b>		
BTA140-A BTA153-A BTA182-A BTA193-A BTA383-A BTA383-B BTA387-A		
0231048049	Touch America, Inc.	
<b>The following License(s):</b>		
ALL		
0231854404	Townes Telecommunications, Inc.	
<b>The following License(s):</b>		
ALL		
0231501364	Valley Telephone Cooperative, Inc.	
<b>The following License(s):</b>		
BTA121-A BTA153-A BTA193-A BTA348-A BTA456-A		
0231531225	VERSO LMDS, LLC	
<b>The following License(s):</b>		
ALL		
0231417121	Virginia Tech Foundation, Inc.	
<b>The following License(s):</b>		
BTA016-A BTA020-A BTA035-A BTA048-A BTA062-A BTA082-A BTA100-A BTA117-A BTA141-A BTA147-A BTA156-A		

# FCC Local Multipoint Dist Services Auction

ATTACHMENT B

**Auction ID: 23**

## Qualified Bidders - Public Notice



(Sorted by Applicant)

Date of Report: 4/16/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0231417121	Virginia Tech Foundation, Inc.	
<b>The following License(s):</b> BTA165-A BTA176-A BTA178-A BTA203-A BTA214-A BTA218-A BTA316-A BTA317-A BTA328-A BTA335-A BTA377-A BTA382-A BTA430-A BTA478-A		
0231246148	Voom Communications, L.L.C.	
<b>The following License(s):</b> BTA062-A BTA097-B BTA100-A BTA141-A BTA147-A BTA156-A BTA158-A BTA165-A BTA176-A BTA214-A BTA227-A BTA316-A BTA377-A BTA382-A		
0231211592	West Carolina Rural Telephone Cooperative, Inc.	
<b>The following License(s):</b> BTA016-A BTA178-A		
0231149033	Westelcom Network, Inc.	
<b>The following License(s):</b> ALL		
0231621354	Western PCS LMDS Corporation	
<b>The following License(s):</b> ALL		
0232242098	William Chimiak	
<b>The following License(s):</b> ALL		
0232042279	WIRELESS DISTRIBUTION SERVICES INC.	
<b>The following License(s):</b> ALL		
0231525126	Wytec, Incorporated	
<b>The following License(s):</b> ALL		

**FCC Local Multipoint Dist Services Auction  
Non-Qualified Bidders  
Auction ID: 23**

ATTACHMENT C



**(Sorted by Applicant)  
Date of Report: 4/16/99**

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<b>FCC Account #</b>	<b>Name</b>
0231205556	Antilles Wireless Cable TV Co.
0231539296	Broadband Wireless Inc.
0231555516	DataLines USA
0231205426	Digispan, Inc.
0231041503	IVD Holdings, L.L.C.
0231409307	Landmark Site Development, LLC
0232056579	Navis Group, LLC
0231600599	Planet Systems, Inc.
0231644401	Western CLEC Corporation

## **Attachment D**

### **FCC Remote Bidding System Hardware and Software Requirements**

At a minimum, bidders need the following hardware and software:

- CPU: Intel® Pentium or above
- RAM: 16 MB (more recommended if you have multiple applications open)
- Hard Disk: 33 MB available disk space
- 1.44 MB Floppy Drive or CD-ROM Drive (to install the Remote Bidding System)
- Modem: v.32bis 14.4 kbps Hayes© compatible modem or faster
- Monitor: VGA or above
- Mouse or other pointing device
- Microsoft® Windows 95™ or Microsoft® Windows 98™
- Netscape® Communicator™ 4.5 is recommended. However, you can also use Netscape Communicator 4.08, 4.07, 4.06 or 4.05 with JDK 1.1. Note: To download Netscape Communicator 4.5 free of charge, access the Netscape download site at <http://home.netscape.com/download/>

For questions regarding the above, please contact Technical Support at (202) 414-1250.

## ATTACHMENT E

### DOWNLOADING AND INSTALLING THE FCC MOCK BIDDING SOFTWARE

This attachment describes how to download and install the FCC Mock Bidding Software for qualified bidders who wish to participate in the FCC Mock Auction.

#### Conventions

The instructions in this section use the following typographical conventions:

- bold** Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icons, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).
- italic* Represents field names or areas of a screen (e.g., *Location* field, *Selected Licenses* area of a screen).
- bold italic*** Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww13.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

**SMALL CAPS** Represents keys on the keyboard (e.g., ENTER, CTRL, ESC).

**Note:** Throughout these instructions, “enter” means to type the appropriate information and then press the ENTER key.

Qualified bidders who want to participate in the FCC Mock Auction will need, at a minimum, the following hardware and software:

#### Minimum Hardware Requirements

- CPU: Intel® Pentium
- RAM: 16 MB (more recommended if you have multiple applications open)
- Hard Disk: 33 MB available disk space
- Modem: v.32bis 14.4 kbps Hayes© compatible mode (recommend higher)
- Monitor: VGA or above
- Mouse or other pointing device

## Minimum Software Requirements

- Microsoft® Windows 95™ or 98™
- FCC Mock Bidding Software (available through the Internet and the FCC Bulletin Board System)
- Netscape® Communicator™ 4.5 is recommended. However, you can also use Netscape Communicator 4.08, 4.07, 4.06, or 4.05 with JDK 1.1. Note: To download Netscape Communicator 4.5 free of charge, access the Netscape download site at <http://home.netscape.com/download/>

**Note:** The FCC Mock Bidding Software has not been tested in a Macintosh, OS/2, or Windows NT™ environment. Therefore, the FCC will not support operating systems other than Microsoft Windows 95 or 98. This includes any other emulated Windows environment.

## Downloading the FCC Mock Bidding Software

FCC Mock Auction participants must first download the FCC Mock Bidding Software from either the Internet or the FCC Bulletin Board System. Participants must download the *mock23.exe* compressed file to install the software.

### Download Method 1: Internet Access

You may use your Web browser to download the compressed files from [wtbwww13.fcc.gov](http://wtbwww13.fcc.gov) or [www.fcc.gov](http://www.fcc.gov) as described in the following section.

#### Downloading from [wtbwww13.fcc.gov](http://wtbwww13.fcc.gov) or [wtbwww01.fcc.gov](http://wtbwww01.fcc.gov):

1. Connect to your Internet service provider and start your Web browser.
2. Enter the following location: [wtbwww13.fcc.gov](http://wtbwww13.fcc.gov) or [wtbwww01.fcc.gov](http://wtbwww01.fcc.gov)
3. Click on **Mock**
4. Click on **Programs**
5. Download the following file: *mock23.exe*

#### Downloading from [www.fcc.gov](http://www.fcc.gov):

1. Connect to your Internet service provider and start your Web browser.
2. Enter the following location: <http://www.fcc.gov>
3. Click on *Auctions*
4. In the Auctions section to the right, click on **LMDS ReAuc. Auction. #23**

under *Future Auctions*

5. Click on **Mock Auction Software**
6. Download the following files: *mock23.exe*

## **Download Method 2: Dial-In Access to the FCC Auction Bulletin Board System (BBS):**

The FCC Auction Bulletin Board System (BBS) provides dial-in access for the FCC Mock Bidding Software. To access the FCC Auction BBS, use a communications package that can handle Xmodem or Zmodem protocol (such as PcAnyWhere, Procomm, or Hyperterminal in Windows 95/98) to dial in to (202) 682-5851 or (717) 338-0731. Use the settings of 8 data bits, no parity and 1 stop bit (8,N,1).

Once your computer is connected to the Auction BBS, do the following:

1. To create an account:
  - a. Enter your first name.
  - b. Enter your last name.
  - c. When asked whether you want to create an account, enter *y*. (You may also enter *Y*, the program accepts either case).
  - d. When prompted, enter a password.  
  
The password can be from four to ten characters long (where the characters can be either letters or numbers).
  - e. To confirm the password, enter it again.
  - f. When prompted for contact information, enter your voice phone number. Include the area code; for example, you might enter *202-555-1234*.
  - g. Enter your company name.
2. On the Welcome screen, enter *c* for *Continue*.
3. When asked whether you want to view the bulletin menu, enter *y* for *Yes*. Then, to continue, press ENTER to obtain the FCC Auction BBS Main Menu.
4. Enter *a* (for Auction Menu) to obtain the *Auction Library Menu*. The top options on this menu provide a range of numbers to represent the available auctions.
5. To select the *Mock Auction*, enter *m*.

6. Enter **p** to select *Programs*.

The list of available files for the Mock Auction appears.

7. To scroll downward to the next screen of file names, either press ENTER or enter **c** for *Continue*. To scroll upward to the preceding screen of file names, enter **p** for *Previous*.

Note that on each screen, file names are numbered separately, starting with 1.

8. To select one or more files for downloading, mark the files you want. The program marks a file by preceding its name with an asterisk (\*).

You can do the following:

- To mark an individual file, enter its line number.
- To mark a range of files, enter **m** (for *Mark*) and then enter the range of files in response to the prompt. For example, to mark files 6 through 12, enter *6-12* at the prompt.
- To unmark a file, enter its number again. You can also use *Mark* to unmark a range of files.

Mark the following file for download: *mock23.exe*

9. When you have finished marking files, you may download the marked files by taking the following steps:

- a. Enter **d** for *Download*.

The program displays a list that summarizes the download operation. The *Time* column lists the download time for each file; the *Total Time* column lists a running total of the download times.

- b. Enter **d** to proceed.
- c. Select the file transfer protocol that has been specified in your terminal emulation software (e.g., *Zmodem*).
- d. When the download operation has finished, the list of files reappears.

10. Enter **x** to leave the BBS.

## Extracting and Installing the FCC Mock Bidding Software

The FCC Mock Bidding Software file is downloaded in a self-extracting, compressed file format. Before installing the FCC Mock Bidding Software for Auction 23, you must uninstall any mock or remote bidding software that was installed on your computer before Auction 22.

After you have downloaded the compressed file for the FCC Mock Bidding Software, you must extract the software from that file. To extract the software, follow these steps:

1. Start Windows Explorer and open the file folder where you downloaded the files.
2. Double-click on *mock23.exe*.
3. Follow the instructions that display on your screen.
4. At the system prompt to reboot, leave Yes (the default) selected and click **Finish**.
5. After the FCC Mock Bidding Software has been installed, you will have a new Program group called *FCC Remote Bidding System* with an *Auction 23 Mock Bidding Software* option in the drop down list. You will also see an icon on your desktop for the *Auction 23 Mock Bidding Software*.

## Connecting to the FCC Network

Before using the FCC Mock Bidding Software, you must first connect to the FCC Network. See the attachment titled *Accessing the FCC Network Using Windows 95/98*.

## Before Running the FCC Mock Bidding Software

**Important:** Disable any screen saver software before using the FCC Mock Bidding Software.

Before running the FCC Mock Bidding Software, you must connect to the FCC Network via the FCC Auctions 877# or via the FCC Auctions 900# that you will use during Auction 23.

**Note:** If you connect to the FCC's 900# telephone service, there is a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

After you have established a connection, you may start the FCC Mock Bidding Software by double-clicking on the *Auction 23 Mock Bidding Software* icon on your desktop.

## Uninstalling the FCC Mock Bidding Software

To uninstall the FCC Mock Bidding Software:

1. Double click on the *Auction 23 Mock Bidding Software Uninstall* icon in the *FCC Remote Bidding System* program group. [Note: To see the *Programs* list, click on the **Start** button, highlight *Program*, then highlight *FCC Remote Bidding System*.]

The *Remove Shared Files?* dialog box appears.

2. Click **NO to All** so that you preserve files that are shared with the FCC Remote Bidding Software for Auction 23.
3. When the process has completed, click **OK**.

**Important:** If the Mock Bidding Software and the Remote Bidding Software for Auction 23 are both installed on your computer, it is very important that you click **NO to All** when the FCC Mock Bidding Software Uninstall program displays the *Remove Shared Files?* dialog box. Otherwise, the uninstall will delete shared program files and you will need to re-install the Remote Bidding Software for Auction 23.

## Help

For technical assistance with installing or using the FCC Mock Bidding Software, contact the FCC Technical Support Hotline at (202)-414-1250 (voice) or (202)-414-1255 (text telephone (TTY)). The Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. **All calls to the FCC Technical Support Hotline are recorded.**

## Attachment F

### FILE FORMATS

This attachment describes the formats for the round results files that will be uploaded to the FCC Internet site and FCC Auction Bulletin Board System (BBS) after each round of the auction. There are three sets of results files. The first set of files is in Microsoft Access 97 *mdb* format and contains the data tables for the new FCC Auction tracking tool. The other files are in *dbf* and *txt* format and contain the raw output of the auction data.

The newest round results are uploaded to the *Results* directory based on type of file format: *dbf*, *mdb* (zip files), and *txt*.

On the primary location, *wtbwww13.fcc.gov*:

- [http://wtbwww13.fcc.gov/LMDS/Auction\\_23/Results/dbf/](http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/)
- [http://wtbwww13.fcc.gov/LMDS/Auction\\_23/Results/mdb/](http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/)
- [http://wtbwww13.fcc.gov/LMDS/Auction\\_23/Results/txt/](http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/)

**Note:** If you cannot access these files at the preceding primary location, you can access the same files at either of the following secondary locations: *wtbwww01.fcc.gov* or *www.fcc.gov*.

After every 50 rounds, files will be moved from the Results directory to archive directories. The following listings show an example of the directory structure for an auction in round 102. Note that the results for rounds 101 and 102 would be in the *Results* directories.

On the primary location, *wtbwww13.fcc.gov*:

Rounds 1-50	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/D001_050">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/D001_050</a>
Rounds 51-100	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/D051_100">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/D051_100</a>
Rounds 101-102	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/dbf/</a>
Rounds 1-50	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/M001_050">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/M001_050</a>
Rounds 51-100	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/M051_100">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/M051_100</a>
Rounds 101-102	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/mdb/</a>
Rounds 1-50	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/T001_050">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/T001_050</a>
Rounds 51-100	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/T051_100">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/T051_100</a>
Rounds 101-102	<a href="http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/">http://wtbwww13.fcc.gov/LMDS/Auction_23/Results/txt/</a>

**Note:** If you cannot access the files at the preceding primary location, you can access the same files at either of the following secondary locations: *wtbwww01.fcc.gov* or *www.fcc.gov*.

## ***Tracking the FCC Mock Auction***

Mock Auction round results and announcement files will be posted on the FCC Internet and FCC Auction Bulletin Board System (BBS) in the same location as the auction results. The directory structure for the mock auction will be as follows:

**On the primary location, *wtbwww13.fcc.gov*:**

- <http://wtbwww13.fcc.gov/Mock/Results/dbf/>
- <http://wtbwww13.fcc.gov/Mock/Results/mdb/>
- <http://wtbwww13.fcc.gov/Mock/Results/txt/>

**Note:** If you cannot access the files at the preceding primary location, you can access the same files at either of the following secondary locations:  
*wtbwww01.fcc.gov* or *www.fcc.gov*.

## **Auction Tracking Tool File Format**

There will be a single Auction tracking Tool file for each round of the auction. The following layout describes the tables and fields within the mdb round file. The mdb files are for use with the new FCC Auction Tracking Tool.

### ***All Bids table***

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Market	Text(6)
Block	Text(2)
Submarket	Integer
Bidder	Text(50)
Increments of Bid	Long Integer
Gross Bid Amount	Currency
Net Bid Amount	Currency

### ***Bidders table***

Auction ID	Long Integer
Round	Long Integer
Bidder	Text(50)
FCC Acct	Text(10)
Bidding Credit	Single
Initial Eligibility	Long Integer
Current Eligibility	Long Integer
Change in Eligibility	Long Integer
Waiver Type	Text(1)

New Bids	Long Integer
Gross Bids	Currency
Net Bids	Currency
Total High Bids	Long Integer
Gross High Bids	Currency
Net High Bids	Currency
Current Activity	Long Integer
Required Activity	Long Integer
Unused Elig from Prev Round	Long Integer
Waivers Remaining	Long Integer
Withdrawals Remaining	Long Integer

***Bidders Raising Own High Bid table***

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Major Grouping	Text(6)
Minor Grouping	Text(6)
Block	Text(2)
Submarket	Integer
Bidder	Text(50)
Increments of Bid	Long Integer
Gross Bid Amount	Currency
Net Bid Amount	Currency

***Bidders Who Reduced table***

Round	Long Integer
Bidder Who Reduced	Text(50)
Reduction Amt	Long Integer
Current Eligibility	Long Integer

***Increment Statistics table***

Auction ID	Long Integer
Round	Long Integer
1	Long Integer
2	Long Integer
3	Long Integer
4	Long Integer
5	Long Integer
6	Long Integer
7	Long Integer
8	Long Integer
9	Long Integer

### *Markets table*

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Major Grouping	Text(6)
Minor Grouping	Text(6)
Block	Text(2)
Submarket	Integer
License Size	Double
Market Name	Text(50)
BUs	Long Integer
Population	Long Integer
Number of Bids	Long Integer
High Bidder	Text(50)
Round of High Bid	Long Integer
Increments of Bid	Long Integer
Gross	Currency
Bidding Credit	Single
Net	Currency
Min Acceptable Bid	Currency
Bid Increment	Currency
Prev High Bidder	Text(50)
Round of Prev High Bid	Long Integer
Prev Gross	Currency
Prev Bidding Credit	Single
Prev Net	Currency
Selected	Long Integer
All Selected	Long Integer

### *Round Statistics table*

Auction ID	Long Integer
Round	Long Integer
Round Date	Date/Time
Stage	Long Integer
New Bids	Long Integer
Total High Bids	Long Integer
Pctg of BUs for All Bids	Single
Pctg of BUs for High Bids	Single
Gross Bids	Currency
Net Bids	Currency
Dollar Change in Net Bids	Currency
Pctg Change in Net Bids	Single
Eligible Bidders	Long Integer
Bidders At Risk	Long Integer
Number Reduced	Long Integer

BU's Reduced	Long Integer
Eligibility Ratio	Single
Pctg of Covered BUs	Single
Waivers	Long Integer
Withdrawals	Long Integer
FCC Held Licenses	Long Integer
Pctg of Covered Pops	Single
Pctg of the Pops with Bidding Credit	Single

*Waiver Statistics table*

Auction ID	Long Integer
Round	Long Integer
Bidder	Text(50)
Waiver Type	Text(1)
Remaining Waivers	Long Integer

*Withdrawal Statistics table*

Auction ID	Long Integer
Withdrawal Number	Long Integer
Bidder	Text(50)
License Name	Text(9)
Market	Text(6)
Block	Text(2)
Submarket	Integer
BUs	Long Integer
Population	Long Integer
Round	Long Integer
Gross	Currency
Net	Currency
Min Bid	Currency
New High Bidder	Text(50)
New High Bid Round	Long Integer
Gross High Bid	Currency
Net High Bid	Currency

## Round Results Files

The round results files were used by the previous Excel based tracking tool produced by the FCC and are still being distributed for those bidders who use them for their own tracking purposes. The following layouts are for the dbf files. The txt files will have character field types.

### *ALL\_BIDS file*

market	char(6)
freq_block	char(2)
round_num	numeric
bid_amt	numeric
bidder_num	numeric
fcc_acct	char(10)
date	date
time	char(8)
net_bid_amt	numeric
sort_col_1	numeric
sort_col_2	numeric
sub_market	integer

### *HIGH\_BIDS file*

market	char(6)
freq_block	char(2)
bid_round	numeric
bid_amt	numeric
bidder_num	numeric
fcc_acct	char(10)
date	date
time	char(8)
net_bid_amt	numeric
min_accept	numeric
num_of_bids	numeric
sort_col_1	numeric
sort_col_2	numeric
sub_market	integer

### *MAXIMUM\_ELIGIBILITY file*

round_num	numeric
bidder_num	numeric
fcc_acct	char(10)
max_elig	numeric
rmng_waivr	numeric
waivr_ind	char(1)
rmng_withdrawals	numeric
required_act	numeric
current_activity	numeric

***WITHDRAWALS file***

market	char(6)
freq_block	char(2)
bid_round	numeric
bid_amt	numeric
bidder_num	numeric
fcc_acct	char(10)
date	date
time	char(8)
net_bid_amt	numeric
sort_col_1	numeric
sort_col_2	numeric
sub_market	integer

***BIDDER\_CROSS\_REFERENCE file***

bidder_num	numeric
fcc_acct	char(10)
co_name	char(50)
bidding_credit_pctg	numeric

## Attachment G

### ACCESSING THE FCC NETWORK USING WINDOWS 95/98

This attachment describes how to access the FCC Network from a system that is running the Microsoft Windows 95 or Microsoft Windows 98 operating system. This involves configuring dial-up network access and then performing the dial-up procedure.

#### Conventions

The instructions in this section use the following typographical conventions:

- bold** Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icons, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).
- italic* Represents field names or areas of a screen (e.g., *Applicant* field, *Selected Licenses* area of a screen).
- bold italic** Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww26.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

**SMALL CAPS** Represents keys on the keyboard (e.g., **ENTER**, **CTRL**, **ESC**).

**Note:** Throughout these instructions, “enter” means to type the appropriate information and then press the **ENTER** key.

#### Configuring Dial-Up Networking

1. To start dial-up networking:
  - a. Click the Windows 95/98 **Start** button.
  - b. Click the **Programs** option to display the Programs menu.
  - c. Click the **Accessories** option to display the Accessories menu.
  - d. In Windows 95, click **Dial-Up Networking**.  
In Windows 98, click **Communications**, then **Dial-Up Networking**.

If Dial-Up Networking is not an option on your Accessories menu, you should install it from your Windows 95/98 CD or diskettes.

2. When the Dial-Up Networking window appears, double-click the **Make New Connection** icon.

The Make New Connection window appears.

3. If you are connecting to the FCC Network during the Mock Auction , type *FCC Auctions 877#* in the field titled *Type a name for the computer you are dialing*.

If you are connecting to test your connection on the 900# that will be used during Auction 23, type *FCC Auctions 900#* in the field titled *Type a name for the computer you are dialing*.

**Note:** If you connect to the FCC's 900# telephone service, there is a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

4. In Windows 95, click the down arrow at the right of the *Select a modem* field and select your modem from the menu of available modems.

In Windows 98, click the down arrow at the right of the *Select a device* field and select your modem from the menu of available devices.

If your modem does not appear on this list, you must install your modem driver according to the modem manufacturer installation procedures, which are usually described in your modem's user manual.

5. Click the **Next** button.

6. If you are connecting to connect to the FCC Network during the Mock Auction, type *877* and *844-2788* in the *Area Code* and *Telephone Number* fields, respectively.

If you wish to test your connection on the 900# that will be used during Auction 23, type *900* and *555-5554* in the *Area Code* and *Telephone Number* fields, respectively.

7. Verify that the correct country is selected in the *Country code* field.

If necessary, click the down arrow at the right of the *Country code* field and select the appropriate country from the menu of available countries.

8. Click the **Next** button.

9. Click the **Finish** button.

An icon labeled either *FCC Auctions 877#* or *FCC Auctions 900#* appears in the

Dial-Up Networking window.

10. Verify that properties are configured correctly before attempting a dial-up session. Put the mouse pointer on the FCC Auctions icon that you wish to configure and click the *right* mouse button to display a menu. Click **Properties** from the menu.
11. Click the **Configure** button. Click the **Options** tab at the top of the Properties window.
12. In the *Connection control* area of the Options tab, verify that *neither* option is selected. If either option is selected, click the check box at the left of the option to deselect it. Then click **OK**.
13. In Windows 95, click the **Server Type...** button.  
  
In Windows 98, click the **Server Types** tab at the top of the Properties window.
14. In the *Advanced Options* area, verify that only *Enable software compression* is selected.  
  
If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.
15. In the *Allowed Network Protocols* area, verify that only *TCP/IP* is selected.  
  
If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.
16. Click the **TCP/IP Settings** button and select *Specify name server addresses*.
17. Type *165.135.79.95* as the Primary DNS.
18. At the bottom of the TCP/IP Settings window, ensure that *Use IP Header Compression* and *Use Default Gateway* on the Remote Network options are selected.
19. Click **OK** on the TCP/IP Settings window and the Server Type window.
20.
  - a. Click the Windows 95/98 *Start* button, then click the *Settings* option to display the Settings menu.
  - b. Click *Control Panel* and then double-click the *Network* icon.
  - c. Highlight the TCP/IP Protocol and click *Properties*. If there are multiple TCP/IP protocols, highlight TCP/IP --> Dial-Up Adapter and click *Properties*.

- d. Click the *DNS Configuration* tab.
- e. Select *Enable DNS*. Type *bidder* in the *Host* box, type *fcc.gov* in the *Domain* box, then type *165.135.79.95* in the DNS Server Search Order box and click the **Add** button.
- f. Click **OK** on the TCP/IP Properties windows, then click **OK** on the Network windows.

If you are prompted to restart your computer, click **Yes** to restart, then begin the Dial-Up Procedure.

## Dial-Up Procedure

1. If the Dial-Up Networking window is not currently open, do the following:
  - a. Click the Windows 95/98 **Start** button.
  - b. Click the **Programs** option to display the Programs menu.
  - c. Click the **Accessories** option to display the Accessories menu.
  - d. In Windows 95, click **Dial-Up Networking**  
In Windows 98, click **Communications**, then **Dial-Up Networking**.

The Dial-Up Networking window appears.

2. In the Dial-Up Networking window:

Double-click the **FCC Auctions 877#** icon if you wish to connect to the FCC Network during the Mock Auction.

Double-click on the **FCC Auctions 900#** icon if you wish to test your connection to the 900# that will be used during Auction 23.

**Note:** If you connect to the FCC's 900 number telephone service, there is a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

3. Click the **Connect** button on the window. *Do not enter User name and Password.*

The Connection window appears, indicating the status of your connection as your modem dials into the system. This window must remain running during your dial-up session. You may minimize the window, if you wish.

If your modem fails to establish a connection, please see the *Troubleshooting* section below.

4. Once the connection is established, start the **FCC Mock Bidding Software**.
5. When you have finished, exit the Mock Bidding Software, then click the **Disconnect** button on the Connection window to end your dial-up session.

## **Troubleshooting**

Following are problems you may encounter and possible solutions for resolving or isolating them.

### ***Modem does not respond***

1. Confirm that all physical connections for the modem are present.
2. Confirm that the phone line is active by connecting it to a telephone and checking for a dial-tone.
3. If you are dialing the 900 number service, check for a 900 number telephone block. If the volume settings are low, the modem may be dialing but not connecting. Check for this by trying to connect to the 877 number, or by dialing the 900 number on that line using a telephone.
4. Confirm that the correct modem driver is installed for your modem.

### ***Modem dials but does not connect***

1. If you are dialing the 900 number service, check for a 900 number telephone block. Check for this by dialing the 877 number to see if you connect, or by dialing the 900 number on that line using a telephone.
2. Confirm that the number the modem is dialing is correct.
3. Confirm that the modem prefix, if any, is correct.

### ***Modem dials and connects, but nothing appears when you enter the Location in the Web browser***

1. Verify the Dial-Up Networking settings specified in the *Configuring Dial-Up Networking* section.
2. Confirm that your Web browser is not using proxies.

***Receive an Internal Server error in the Web browser***

1. Confirm that the *Location* is correct.
2. Confirm that *JavaScript* is enabled in your Web browser.

**Help**

For technical assistance with installing or using FCC software, contact the FCC Technical Support Hotline at (202)-414-1250 (V) or (202)-414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. **All calls to the FCC Technical Support Hotline are recorded.**

Attachment H

**LMDS Reauction  
Minimum Opening Bids and Upfront Payments**

**A Block Licenses**

MTA	BTA	Description	License Number	Population (1990 Census)	Upfront Payment (\$.06*Pops)	Bidding Units	Minimum Opening Bid (\$.06*Pops)
MTA024	BTA002	Aberdeen, WA	LDBTA002A	83,057	\$4,984	4,984	\$4,984
MTA011	BTA006	Albany-Tifton, GA	LDBTA006A	324,899	\$19,494	19,494	\$19,494
MTA006	BTA016	Anderson, SC	LDBTA016A	305,120	\$18,308	18,308	\$18,308
MTA029	BTA017	Anniston, AL	LDBTA017A	161,897	\$9,714	9,714	\$9,714
MTA006	BTA020	Asheville-Hendersonville, NC	LDBTA020A	510,055	\$30,604	30,604	\$30,604
MTA018	BTA035	Beckley, WV	LDBTA035A	167,112	\$10,027	10,027	\$10,027
MTA024	BTA036	Bellingham, WA	LDBTA036A	127,780	\$7,667	7,667	\$7,667
MTA018	BTA048	Bluefield, WV	LDBTA048A	184,020	\$11,042	11,042	\$11,042
MTA028	BTA049	Blytheville, AR	LDBTA049A	79,446	\$4,767	4,767	\$4,767
MTA026	BTA052	Bowling Green-Glasgow, KY	LDBTA052A	222,748	\$13,365	13,365	\$13,365
MTA012	BTA054	Brainerd, MN	LDBTA054A	78,465	\$4,708	4,708	\$4,708
MTA032	BTA061	Burlington, IA	LDBTA061A	137,543	\$8,253	8,253	\$8,253
MTA006	BTA062	Burlington, NC	LDBTA062A	108,213	\$6,493	6,493	\$6,493
MTA001	BTA063	Burlington, VT	LDBTA063A	369,128	\$22,148	22,148	\$22,148
MTA019	BTA066	Cape Girardeau-Sikeston, MO	LDBTA066A	181,795	\$10,908	10,908	\$10,908
MTA003	BTA071	Champaign-Urbana, IL	LDBTA071A	222,312	\$13,339	13,339	\$13,339
MTA021	BTA082	Clarksburg-Elkins, WV	LDBTA082A	190,498	\$11,430	11,430	\$11,430
MTA032	BTA086	Clinton, IA-Sterling, IL	LDBTA086A	147,981	\$8,879	8,879	\$8,879
MTA019	BTA090	Columbia, MO	LDBTA090A	190,536	\$11,433	11,433	\$11,433
MTA011	BTA092	Columbus, GA	LDBTA092A	342,333	\$20,540	20,540	\$20,540
MTA031	BTA093	Columbus, IN	LDBTA093A	139,128	\$8,348	8,348	\$8,348
MTA010	BTA100	Cumberland, MD	LDBTA100A	156,707	\$9,403	9,403	\$9,403
MTA003	BTA103	Danville, IL	LDBTA103A	114,241	\$6,855	6,855	\$6,855
MTA032	BTA105	Davenport, IA-Moline, IL	LDBTA105A	419,650	\$25,179	25,179	\$25,179
MTA029	BTA115	Dothan-Enterprise, AL	LDBTA115A	210,225	\$12,614	12,614	\$12,614
MTA021	BTA117	Du Bois-Clearfield, PA	LDBTA117A	124,180	\$7,451	7,451	\$7,451
MTA032	BTA118	Dubuque, IA	LDBTA118A	176,542	\$10,593	10,593	\$10,593
MTA012	BTA119	Duluth, MN	LDBTA119A	400,771	\$24,047	24,047	\$24,047
MTA028	BTA120	Dyersburg-Union City, TN	LDBTA120A	113,943	\$6,837	6,837	\$6,837
MTA033	BTA121	Eagle Pass-Del Rio, TX	LDBTA121A	100,813	\$6,049	6,049	\$6,049
MTA016	BTA122	East Liverpool-Salem, OH	LDBTA122A	108,276	\$6,497	6,497	\$6,497
MTA012	BTA123	Eau Claire, WI	LDBTA123A	180,559	\$10,834	10,834	\$10,834
MTA002	BTA124	El Centro-Calexico, CA	LDBTA124A	109,303	\$6,559	6,559	\$6,559
MTA016	BTA131	Erie, PA	LDBTA131A	275,572	\$16,535	16,535	\$16,535
MTA004	BTA134	Eureka, CA	LDBTA134A	142,578	\$8,555	8,555	\$8,555
MTA040	BTA140	Fayetteville-Springdale-Rogers, AR	LDBTA140A	222,526	\$13,352	13,352	\$13,352
MTA006	BTA141	Fayetteville-Lumberton, NC	LDBTA141A	571,328	\$34,280	34,280	\$34,280
MTA029	BTA146	Florence, AL	LDBTA146A	173,076	\$10,385	10,385	\$10,385
MTA006	BTA147	Florence, SC	LDBTA147A	239,208	\$14,353	14,353	\$14,353
MTA040	BTA153	Ft. Smith, AR	LDBTA153A	282,187	\$16,932	16,932	\$16,932
MTA010	BTA156	Fredericksburg, VA	LDBTA156A	124,654	\$7,480	7,480	\$7,480
MTA029	BTA158	Gadsden, AL	LDBTA158A	174,034	\$10,443	10,443	\$10,443
MTA011	BTA160	Gainesville, GA	LDBTA160A	170,365	\$10,222	10,222	\$10,222
MTA003	BTA161	Galesburg, IL	LDBTA161A	75,574	\$4,535	4,535	\$4,535
MTA039	BTA162	Gallup, NM	LDBTA162A	122,277	\$7,337	7,337	\$7,337
MTA001	BTA164	Glens Falls, NY	LDBTA164A	118,539	\$7,113	7,113	\$7,113
MTA006	BTA165	Goldboro-Kinston, NC	LDBTA165A	217,319	\$13,040	13,040	\$13,040

## Attachment H

MTA	BTA	Description	License Number	Population (1990 Census)	Upfront Payment (\$06*Pops)	Bidding Units	Minimum Opening Bid (\$06*Pops)
MTA006	BTA176	Greenville-Washington, NC	LDBTA176A	218,937	\$13.137	13,137	\$13,137
MTA006	BTA178	Greenwood, SC	LDBTA178A	68,435	\$4.107	4,107	\$4,107
MTA040	BTA182	Harrison, AR	LDBTA182A	74,459	\$4.468	4,468	\$4,468
MTA040	BTA193	Hot Springs, AR	LDBTA193A	117,439	\$7.047	7,047	\$7,047
MTA017	BTA195	Houma-Thibodaux, LA	LDBTA195A	263,681	\$15.821	15,821	\$15,821
MTA008	BTA201	Hyannis, MA	LDBTA201A	204,256	\$12.256	12,256	\$12,256
MTA021	BTA203	Indiana, PA	LDBTA203A	89,994	\$5.400	5,400	\$5,400
MTA028	BTA211	Jackson, TN	LDBTA211A	255,379	\$15.323	15,323	\$15,323
MTA003	BTA213	Jacksonville, IL	LDBTA213A	70,795	\$4.248	4,248	\$4,248
MTA006	BTA214	Jacksonville, NC	LDBTA214A	149,838	\$8.991	8,991	\$8,991
MTA035	BTA215	Jamestown-Dunkirk, NY-Warren, PA	LDBTA215A	186,945	\$11.217	11,217	\$11,217
MTA020	BTA216	Janesville-Beloit, WI	LDBTA216A	214,510	\$12.871	12,871	\$12,871
MTA019	BTA217	Jefferson City, MO	LDBTA217A	141,404	\$8.485	8,485	\$8,485
MTA021	BTA218	Johnstown, PA	LDBTA218A	241,247	\$14.475	14,475	\$14,475
MTA040	BTA219	Jonesboro-Paragould, AR	LDBTA219A	159,439	\$9.567	9,567	\$9,567
MTA003	BTA225	Kankakee, IL	LDBTA225A	127,042	\$7.623	7,623	\$7,623
MTA008	BTA227	Keene, NH	LDBTA227A	111,709	\$6.703	6,703	\$6,703
MTA031	BTA233	Kokomo-Logansport, IN	LDBTA233A	184,899	\$11.094	11,094	\$11,094
MTA020	BTA234	La Crosse, WI-Winona, MN	LDBTA234A	295,769	\$17.747	17,747	\$17,747
MTA031	BTA235	Lafayette, IN	LDBTA235A	247,523	\$14.852	14,852	\$14,852
MTA003	BTA243	La Salle-Peru-Ottawa-Streator, IL	LDBTA243A	148,331	\$8.900	8,900	\$8,900
MTA008	BTA249	Lebanon-Claremont, NH	LDBTA249A	167,576	\$10.055	10,055	\$10,055
MTA011	BTA271	Macon-Warner Robins, GA	LDBTA271A	589,208	\$35.353	35,353	\$35,353
MTA032	BTA285	Mason City, IA	LDBTA285A	118,834	\$7.131	7,131	\$7,131
MTA016	BTA287	Meadville, PA	LDBTA287A	86,169	\$5.171	5,171	\$5,171
MTA004	BTA291	Merced, CA	LDBTA291A	192,705	\$11.563	11,563	\$11,563
MTA003	BTA294	Michigan City-La Porte, IN	LDBTA294A	107,066	\$6.424	6,424	\$6,424
MTA044	BTA295	Middlesboro-Harian, KY	LDBTA295A	121,217	\$7.274	7,274	\$7,274
MTA031	BTA309	Muncie, IN	LDBTA309A	182,386	\$10.944	10,944	\$10,944
MTA006	BTA316	New Bern, NC	LDBTA316A	154,955	\$9.298	9,298	\$9,298
MTA021	BTA317	New Castle, PA	LDBTA317A	96,246	\$5.775	5,775	\$5,775
MTA001	BTA319	New London-Norwich, CT	LDBTA319A	357,482	\$21.449	21,449	\$21,449
MTA045	BTA323	Norfolk, NE	LDBTA323A	112,526	\$6.752	6,752	\$6,752
MTA013	BTA326	Ocala, FL	LDBTA326A	194,833	\$11.690	11,690	\$11,690
MTA021	BTA328	Oil City-Franklin, PA	LDBTA328A	105,882	\$6.353	6,353	\$6,353
MTA035	BTA330	Olean, NY-Bradford, PA	LDBTA330A	239,343	\$14.361	14,361	\$14,361
MTA024	BTA331	Olympia-Centralia, WA	LDBTA331A	258,937	\$15.537	15,537	\$15,537
MTA006	BTA335	Orangeburg, SC	LDBTA335A	114,458	\$6.868	6,868	\$6,868
MTA032	BTA337	Ottumwa, IA	LDBTA337A	122,988	\$7.380	7,380	\$7,380
MTA026	BTA339	Paducah-Murray-Mayfield, KY	LDBTA339A	217,082	\$13.025	13,025	\$13,025
MTA003	BTA344	Peoria, IL	LDBTA344A	455,643	\$27.339	27,339	\$27,339
MTA040	BTA348	Pine Bluff, AR	LDBTA348A	152,918	\$9.176	9,176	\$9,176
MTA008	BTA351	Pittsfield, MA	LDBTA351A	139,352	\$8.362	8,362	\$8,362
MTA001	BTA352	Plattsburgh, NY	LDBTA352A	123,121	\$7.388	7,388	\$7,388
MTA019	BTA355	Poplar Bluff, MO	LDBTA355A	148,240	\$8.895	8,895	\$8,895
MTA019	BTA367	Quincy, IL-Hannibal, MO	LDBTA367A	177,213	\$10.633	10,633	\$10,633
MTA031	BTA373	Richmond, IN	LDBTA373A	104,942	\$6.297	6,297	\$6,297
MTA022	BTA375	Riverton, WY	LDBTA375A	46,859	\$2.812	2,812	\$2,812
MTA006	BTA377	Roanoke Rapids, NC	LDBTA377A	76,314	\$4.579	4,579	\$4,579
MTA003	BTA380	Rockford, IL	LDBTA380A	412,120	\$24.728	24,728	\$24,728
MTA006	BTA382	Rocky Mount-Wilson, NC	LDBTA382A	199,296	\$11.958	11,958	\$11,958
MTA019	BTA383	Rolla, MO	LDBTA383A	98,233	\$5.894	5,894	\$5,894
MTA011	BTA384	Rome, GA	LDBTA384A	115,066	\$6.904	6,904	\$6,904

**Attachment H**

<b>MTA</b>	<b>BTA</b>	<b>Description</b>	<b>License Number</b>	<b>Population (1990 Census)</b>	<b>Upfront Payment (\$06*Pops)</b>	<b>Bidding Units</b>	<b>Minimum Opening Bid (\$06*Pops)</b>
MTA040	BTA387	Russellville, AR	LDBTA387A	81,863	\$4,912	4,912	\$4,912
MTA001	BTA388	Rutland-Bennington, VT	LDBTA388A	97,987	\$5,880	5,880	\$5,880
MTA005	BTA390	Saginaw-Bay City, MI	LDBTA390A	615,364	\$36,922	36,922	\$36,922
MTA046	BTA396	Salina, KS	LDBTA396A	143,408	\$8,605	8,605	\$8,605
MTA034	BTA414	Sedalia, MO	LDBTA414A	79,705	\$4,783	4,783	\$4,783
MTA016	BTA416	Sharon, PA	LDBTA416A	121,003	\$7,261	7,261	\$7,261
MTA003	BTA426	Springfield, IL	LDBTA426A	254,696	\$15,282	15,282	\$15,282
MTA023	BTA430	Staunton-Waynesboro, VA	LDBTA430A	100,322	\$6,020	6,020	\$6,020
MTA031	BTA442	Terre Haute, IN	LDBTA442A	236,968	\$14,219	14,219	\$14,219
MTA005	BTA446	Traverse City, MI	LDBTA446A	204,600	\$12,276	12,276	\$12,276
MTA028	BTA449	Tupelo-Corinth, MS	LDBTA449A	291,701	\$17,503	17,503	\$17,503
MTA001	BTA453	Utica-Rome, NY	LDBTA453A	316,633	\$18,998	18,998	\$18,998
MTA037	BTA454	Valdosta, GA	LDBTA454A	139,226	\$8,354	8,354	\$8,354
MTA014	BTA456	Victoria, TX	LDBTA456A	149,963	\$8,998	8,998	\$8,998
MTA001	BTA463	Watertown, NY	LDBTA463A	296,253	\$17,776	17,776	\$17,776
MTA019	BTA470	West Plains, MO	LDBTA470A	67,165	\$4,030	4,030	\$4,030
MTA018	BTA474	Williamson, WV-Pikeville, KY	LDBTA474A	185,682	\$11,141	11,141	\$11,141
MTA006	BTA478	Wilmington, NC	LDBTA478A	249,711	\$14,983	14,983	\$14,983
MTA027	BTA486	Yuma, AZ	LDBTA486A	106,895	\$6,414	6,414	\$6,414
MTA025	BTA488	San Juan, PR	LDBTA488A	2,170,246	\$130,215	130,215	\$130,215
MTA025	BTA489	Mayaguez-Aguadilla-Ponce, PR	LDBTA489A	1,351,600	\$81,096	81,096	\$81,096
<b>A Block Totals</b>				<b>26,020,745</b>	<b>\$1,561,299</b>	<b>1,561,299</b>	<b>\$1,561,299</b>

**Attachment H**

**B Block Licenses**

MTA	BTA	Description	License Number	Population (1990)	Upfront Payment (\$ .03*Pops)	Bidding Units	Minimum Opening Bid (\$ .03*Pops)
MTA005	BTA005	Adrian, MI	LDBTA005B	91,476	\$2,745	2,745	\$2,745
MTA005	BTA011	Alpena, MI	LDBTA011B	63,429	\$1,903	1,903	\$1,903
MTA005	BTA033	Battle Creek, MI	LDBTA033B	227,541	\$6,827	6,827	\$6,827
MTA003	BTA039	Benton Harbor, MI	LDBTA039B	161,378	\$4,842	4,842	\$4,842
MTA003	BTA046	Bloomington, IL	LDBTA046B	215,795	\$6,474	6,474	\$6,474
MTA019	BTA066	Cape Girardeau-Sikeston, MO	LDBTA066B	181,795	\$5,454	5,454	\$5,454
MTA019	BTA067	Carbondale-Marion, IL	LDBTA067B	209,497	\$6,285	6,285	\$6,285
MTA032	BTA070	Cedar Rapids, IA	LDBTA070B	260,686	\$7,821	7,821	\$7,821
MTA032	BTA086	Clinton, IA-Sterling, IL	LDBTA086B	147,981	\$4,440	4,440	\$4,440
MTA019	BTA090	Columbia, MO	LDBTA090B	190,536	\$5,717	5,717	\$5,717
MTA030	BTA097	Coos Bay-North Bend, OR	LDBTA097B	79,600	\$2,388	2,388	\$2,388
MTA003	BTA109	Decatur-Effingham, IL	LDBTA109B	247,608	\$7,429	7,429	\$7,429
MTA004	BTA134	Eureka, CA	LDBTA134B	142,578	\$4,278	4,278	\$4,278
MTA012	BTA142	Fergus Falls, MN	LDBTA142B	120,167	\$3,606	3,606	\$3,606
MTA005	BTA145	Flint, MI	LDBTA145B	500,229	\$15,007	15,007	\$15,007
MTA039	BTA162	Gallup, NM	LDBTA162B	122,277	\$3,669	3,669	\$3,669
MTA046	BTA163	Garden City, KS	LDBTA163B	65,059	\$1,952	1,952	\$1,952
MTA005	BTA169	Grand Rapids, MI	LDBTA169B	916,060	\$27,482	27,482	\$27,482
MTA005	BTA209	Jackson, MI	LDBTA209B	193,187	\$5,796	5,796	\$5,796
MTA019	BTA217	Jefferson City, MO	LDBTA217B	141,404	\$4,243	4,243	\$4,243
MTA005	BTA223	Kalamazoo, MI	LDBTA223B	352,384	\$10,572	10,572	\$10,572
MTA005	BTA241	Lansing, MI	LDBTA241B	489,698	\$14,691	14,691	\$14,691
MTA039	BTA244	Las Cruces, NM	LDBTA244B	197,166	\$5,915	5,915	\$5,915
MTA012	BTA277	Mankato-Fairmont, MN	LDBTA277B	245,144	\$7,355	7,355	\$7,355
MTA004	BTA303	Modesto, CA	LDBTA303B	418,978	\$12,570	12,570	\$12,570
MTA005	BTA307	Mt. Pleasant, MI	LDBTA307B	118,558	\$3,557	3,557	\$3,557
MTA019	BTA308	Mt. Vernon-Centralia, IL	LDBTA308B	119,286	\$3,579	3,579	\$3,579
MTA005	BTA310	Muskegon, MI	LDBTA310B	206,974	\$6,210	6,210	\$6,210
MTA003	BTA344	Peoria, IL	LDBTA344B	455,643	\$13,670	13,670	\$13,670
MTA019	BTA355	Poplar Bluff, MO	LDBTA355B	148,240	\$4,448	4,448	\$4,448
MTA024	BTA356	Port Angeles, WA	LDBTA356B	76,610	\$2,299	2,299	\$2,299
MTA008	BTA363	Presque Isle, ME	LDBTA363B	86,936	\$2,609	2,609	\$2,609
MTA004	BTA372	Reno, NV	LDBTA372B	439,279	\$13,179	13,179	\$13,179
MTA012	BTA378	Rochester-Austin-Albert Lea, MN	LDBTA378B	233,167	\$6,996	6,996	\$6,996
MTA019	BTA383	Rolla, MO	LDBTA383B	98,233	\$2,947	2,947	\$2,947
MTA036	BTA392	St. George, UT	LDBTA392B	83,263	\$2,498	2,498	\$2,498
MTA034	BTA414	Sedalia, MO	LDBTA414B	79,705	\$2,392	2,392	\$2,392
MTA003	BTA426	Springfield, IL	LDBTA426B	254,696	\$7,641	7,641	\$7,641
MTA032	BTA462	Waterloo-Cedar Falls, IA	LDBTA462B	261,009	\$7,831	7,831	\$7,831
MTA019	BTA470	West Plains, MO	LDBTA470B	67,165	\$2,015	2,015	\$2,015
<b>B Block Totals</b>				<b>8,710,417</b>	<b>\$261,332</b>	<b>261,332</b>	<b>\$261,332</b>
<b>Totals</b>				<b>34,731,162</b>	<b>\$1,822,631</b>	<b>1,822,631</b>	<b>\$1,822,631</b>